

1. Record Nr.	UNINA9910688302503321
Titolo	Cardiovascular risk factors in pathology / / Alaeddin Abukabda, Maria Suciu, Minodora Andor (editors)
Pubbl/distr/stampa	London : , : IntechOpen, , [2021] ©2021
Descrizione fisica	1 online resource
Disciplina	616.1071
Soggetti	Cardiovascular system - Diseases - Risk factors
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Endothelial Dysfunction and Disruption in Pulmonary Hypertension -- 2. Pathogenesis of Abdominal Aortic Aneurysm -- 3. The Importance of Autophagy and Proteostasis in Metabolic Cardiomyopathy -- 4. Familial Hypercholesterolemia: Three "under" (Understood, Underdiagnosed, and Undertreated) Disease -- 5. Statin Therapy in Children -- 6. Pharmacokinetic Aspects of Statins.
Sommario/riassunto	This book provides a broad overview of the molecular mechanisms associated with relevant and significant cardiovascular conditions that continue to plague humanity. It also discusses potential and promising therapeutic avenues targeted at addressing these conditions. The overarching goal of this multifaceted work is to entice future and current members of the scientific community to direct their endeavors towards improving our current knowledge of cardiovascular disease conditions and curb their impact on our everyday lives.

2. Record Nr.	UNINA9910298293503321
Autore	Panyutina Aleksandra A
Titolo	Flight of Mammals: From Terrestrial Limbs to Wings / / by Aleksandra A. Panyutina, Leonid P. Korzun, Alexander N. Kuznetsov
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-08756-8
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (321 p.)
Disciplina	576.8
Soggetti	Evolution (Biology) Physiology Anatomy Animal ecology Vertebrates Evolutionary Biology Animal Physiology Animal Anatomy / Morphology / Histology Animal Ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Chapter 1: Forelimb Morphology of Tree Shrews -- Chapter 2: Forelimb Morphology of Colugos -- Chapter 3: Forelimb Morphology of Bats -- Chapter 4: Functional Analysis of the Locomotor Apparatus of Colugos -- Chapter 5: Functional Analysis of the Locomotor Apparatus of Bats -- Chapter 6: Comparative Morphofunctional Analysis -- Chapter 7: Evolutionary Scenario for the Establishment of Flapping Flight.
Sommario/riassunto	The evolutionary acquisition of flapping flight in mammals remains one of the unresolved questions of biology. Currently, no consensus as to the morphofunctional steps through which mammals passed to gain the ability to fly by flapping wings has been reached. Flight of Mammals: From Terrestrial Limbs to Wings is the result of several years of research aimed to fill this gap in the literature. Its conclusions are based on original data obtained by dissections of musculoskeletal

system of a number of species and on a biomechanical analysis of these data. In addition to a thorough discussion of anatomy and the means through which mammals acquired flapping flight, more than two-hundred detailed line drawings and images provide a picture of the mechanisms of flight in bats and colugos unavailable in any other source. The book is of interest to a wide range of biologists, not only to those who study bats. The methods and approaches used by the authors can be also applied to other groups of mammals in order to create morphofunctional scenarios of their evolution. Authors Aleksandra A. Panyutina, Leonid P. Korzun, and Alexander N. Kuznetsov are all followers of the scientific school of functional morphology developed at Department of Vertebrate Zoology, Faculty of Biology, Lomonosov Moscow State University, Moscow, Russia.

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